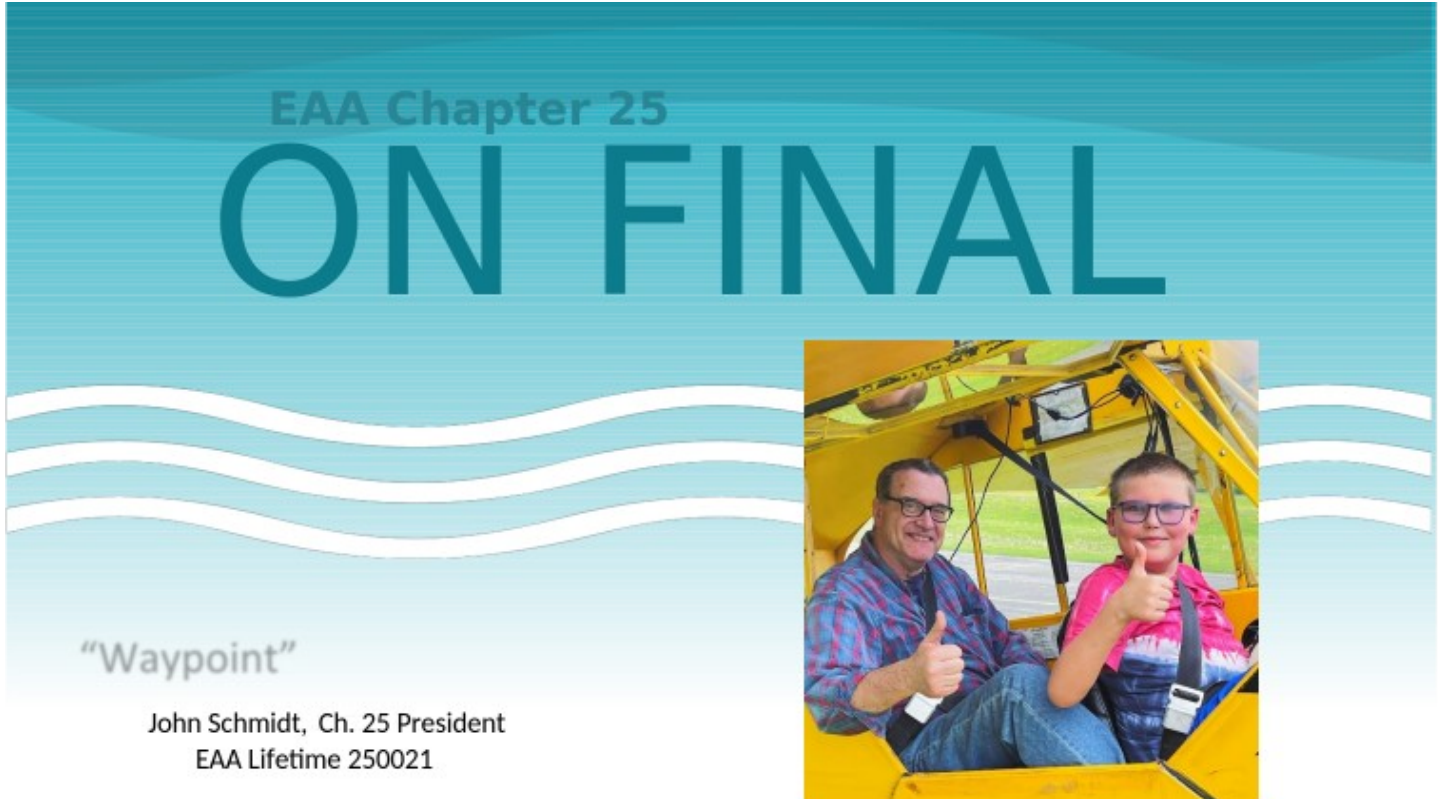


JANUARY 2025

Chapter 25's Website - <https://chapters.eaa.org/ea25>



Health of the Chapter Observations:

One thing I've noticed about being your Chapter 25 president is that a number of members will strike up a conversation with me, which I really enjoy. I've gotten to know some members better just through these conversations. It makes me appreciate even more the talent, aviation knowledge, and experiences of our membership; it's truly amazing. It's one of the benefits I enjoy as your chapter president.

That level of talent and knowledge just makes my job of harnessing it toward the benefit of the chapter that much more challenging. If we aren't a successful chapter (in whatever endeavour or area you choose), it won't be the fault of the membership; it'll be the fault of the leadership. We've got the talent to do almost any project you can imagine. The job is to harness, motivate, inspire, organize, and focus that talent.

In November's Waypoint column, I mentioned an anonymous member who'd be willing to fund a \$500 EAA-HQ endorsed RC airplane build with a team of local high school kids. I haven't got-

ten much response (yet; I'm still hoping I will). If I want that response, I need to inspire more, to mention it more, to promote it more, to present it to the membership more. Chapter leadership needs to rally the troops.

On a positive note, our chapter hangar project is making progress, more than you think. Pat Halligan and a few other members have been tireless in pursuing this. Pat will be taking the microphone at the next (January 15, 2025) Chapter meeting with more details. And, after the meeting, you are invited to go to the south side of the field to Mark Elliot's hangar to see some of the vision that we have for a new hangar (drive east to Cedar, go south on Cedar, turn right on 225th, and turn in to the South Hangar development. Mark's hangar is the last taxi lane, on the end / runway).

EAA Chapter 25, just by its chapter number, carries some weight in EAA history (chapters are numbered sequentially, just as EAA memberships are; you can tell how long someone's been around by their membership number). We were one of the early chapters in the organization. Our chapter's founding president, Bert Sisler, *was alive and present at our 60th anniversary!* That's some kind of history.

Paul Poberezny was great at taking the time to write letters and taking the effort to record history. He and wife Audrey filled file cabinets with correspondence and records. Whenever I read an article on EAA's history, or see old photographs of AirVentures of the past, I think of those archives and records, and their importance on our organization today. I'd gladly welcome our having a 'chapter historian' to record membership rosters every year, pictures of different planes flown by members, etc... We haven't reached our goal of 165 members. Yet. But the word is getting out. We are an outstanding chapter - I've had some newer members say that they joined Chapter 25 for the 'vibe' that we have! Chapter history and culture matter.

There is not, and I don't think there should be, much 'behind the scenes' at an EAA chapter. It's not just a small group of the 'chosen few' who can lead the way. Anyone can run for office. Anyone can volunteer. Anyone can know our finances. Anyone can propose a project, assemble a team, and create. Greatness is contributing to the growth of the chapter's purpose, to the growth of participation in grassroots aviation, and anyone can be great. We are two weeks into the year. The rest of 2025 awaits.

John Schmidt
EAA lifetime 250021

PS: If you believe in our chapter as much as I do, then PLEASE PAY YOUR DUES for 2025 as soon as possible, if you haven't already. 'Running down' members who haven't paid yet is a chore our treasurer shouldn't have to do.

Our speakers this month are Jack Roessler and Ethan Dado, the two teachers of aviation at Eden Prairie High School.

EAA Chapter 25 – Meeting Minutes for Nov 2024

Meeting called to order by President John Schmidt at 7pm

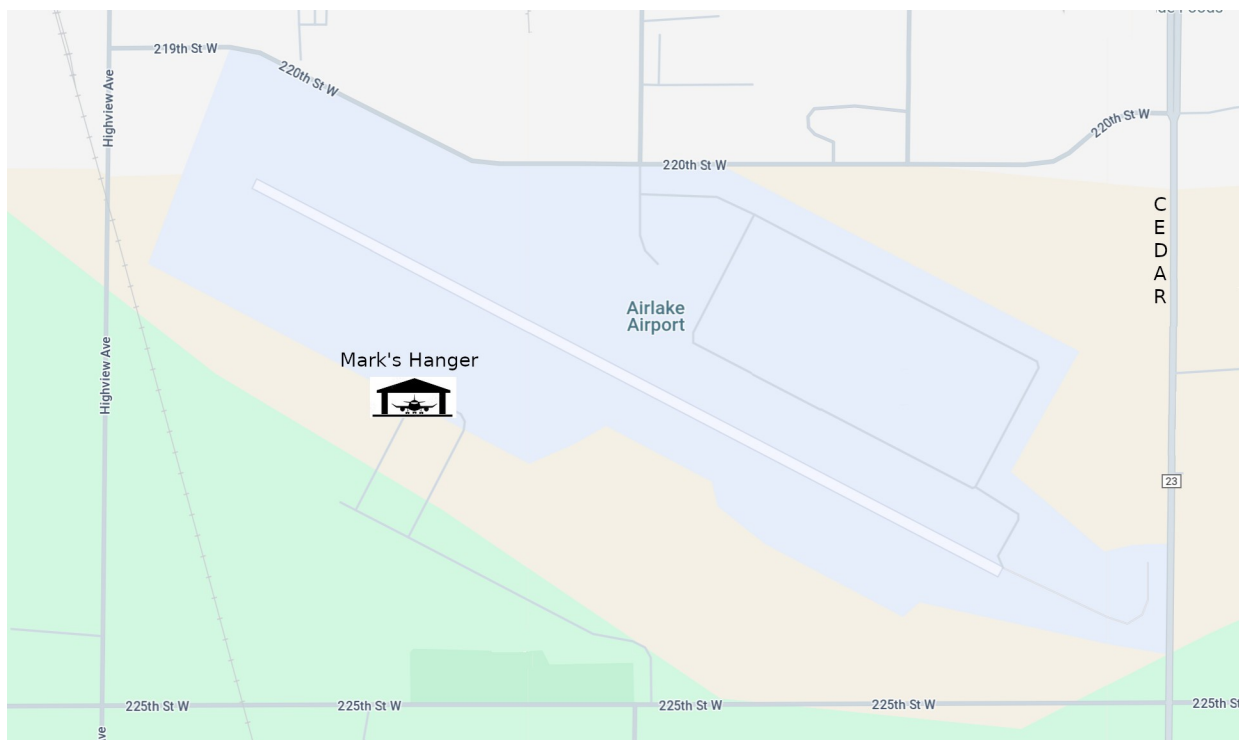
- Mission Statement: EAA Chapter 25 is a local chapter of the Experimental Aircraft Association. EAA Chapter 25 membership is comprised of residents from both the Twin Cities of Minneapolis & St. Paul, Minnesota. EAA Chapter 25 is a registered non-profit organization in the State of Minnesota and holds tax exempt filing status with the IRS as a 501(c)(3) charitable organization. EAA Chapter 25's mission is to promote understanding and awareness of the field of general aviation.
- Total of 4 guests present - each introduced themselves
- James Ray Scholar - We have been looking for new scholar. We did not get one this year. We are guaranteed \$9k if we (Ch25) put in \$3k. The board voted yes to a resolution that we put in \$3k. Reed Sumner is our new Ray Scholar for Ch 25.
- Volunteers for Jan chili have been filled.
- Treasurer Kim Johnson reported Hangar Fund at \$67k. This is money that has been specifically donated to the hangar fund. When it does come time to build a hangar, we have money from other accounts to use; leaving of course scholarship, rainy day fund, 3 years of operating expenses, etc. Major updates to the hangar project in January along with moving up the thermometer posted in the hangar. Standby by for an update - we are getting closer.
- Kris Olson Young Eagles - last Saturday we had to cancel due to wind. Dec 14th is the next Young Eagles Event. EAA is working on the bugs in the new website.
- Jan 11 will be the EAA CH 25 Holiday party at Mike Tompos home.
- The speaker this month was Randy Phillips of South St. Paul. His specialty and expertise is in the Stinson aircraft company and gave a historical review of the company and his rebuilding of round engine Stinson Aircraft.

Meeting adjourned at 8:25pm

Respectfully Submitted,
EAA Ch 25 Secretary Mark Elliott
Lifetime Member # 1281548

Attn all Chapter 25 members:

Immediately after the Jan 15th Chapter meeting, everyone is invited to Mark Elliot's hanger for a tour of his hanger and an update of our Chapter Hanger Fund with Q and A.



After the meeting, when exiting the airport, take the first right on 220th St to Cedar.
South on Cedar to the first Rt turn on 225th St.
First right turn into the south side of the airport.

KLVN's New CTAF**Letter from Nick Modders**

Some time ago I appeared before a Chapter 25 meeting and enlisted support to get the Lakeville Common Traffic Advisory Frequency (CTAF) changed to something with fewer, or no, airports sharing the CTAF frequency.

Good news, this is about to happen. Thanks to efforts on the part of the Airlake Airport Advisory Council and the MAC staff it is announced that the FAA has approved changing the Airlake CTAF frequency to 122.975 Mhz on February 20, 2025 at 0901Z.

Chapter members are encouraged to pay attention to NOTAMS implementing the change. It is possible that Lake Elmo's CTAF frequency could change in the future. Here again,

paying attention to the latest charts and studying NOTAMS could make for uneventful flying.

Yours,
Nick Modders
Member, EAA 25, EAA 180

Young Eagles Update from EAA HQ

The Young Eagles program had another fantastic year, and in some cases the program exceeded previous record numbers!

- 55,000-plus Young Eagles flown
- 4,750 Young Eagles pilots
- 1,305 first-time Young Eagles pilots (most in the past decade)
- 354 Young Eagles passed the FAA Knowledge Exam and took advantage of EAA's reimbursement opportunity
- 946 Young Eagles completed at least half of the Sporty's Learn to Fly Course and qualified for a \$160 flight lesson voucher
- 208 Young Eagles flight lesson vouchers claimed.

Thank you, Young Eagles volunteers!

Tree of Hope Christmas Drive by MN Pilots Assn

Many thanks to those of you who contributed to the **Minnesota Tree of Hope** Campaign! There was a terrific turnout of people helping with the campaign Saturday morning at Atlantic Aviation on the Anoka County-Blaine Airport last weekend. There were many smiling faces on the Elves who worked tirelessly to organize and distribute the gifts for children who find themselves in hospital settings this year.

This is such a wonderful way to give back and pay it forward from pilots and aviation supporters across the state. Here are a few photos (next page) of the event. You will note there were several Elves sporting their Minnesota Pilots Association GMAG hats!!! Great to see. Wishing you the very best for 2025.



Chapter 25's Tree of Hope



Thank you Chapter 25 members. These gifts were collected from members at November's meeting for the "Tree of Hope" effort. Pat Hallgan delivered the gifts to The Tree of Hope collection site at the Anoka County Blaine Airport (ANE).

Reminder: Sign Up for a Chapter Leadership Academy!

Now is your chance to attend a very special EAA Chapter Leadership Academy, an interactive, two-day workshop held in Oshkosh, WI.

Here, you'll have the opportunity to immerse yourself in a wide range of chapter-related subjects, such as business fundamentals, recruitment, fundraising, public relations, EAA resources, programs, and more! The academy provides an excellent opportunity to network with other chapter leaders as well as interact with EAA staff through interactive workshops and conferences.

Join the EAA Academy in Oshkosh -

• January 25-26, 2025 or • April 12-13, 2025

All the information can be found here:

www.eaa.org/eea/eea-chapters/chapter-leadership-training/eea-chapter-leaders-academy

EAA Chapter 1229 Private Pilot Ground School

This notice is too late for the first class but inquire to join in anyway.

Chapter 1229, located at Fleming Field (KSGS) will be presenting a Private Pilot Ground School this winter. Classes will begin Thursday January 9th, and run through March 28th. These will be instructor lead classes. They are based on the Sporty's Private Pilot video course. This is the same Sporty's course offered free to Young Eagles.

There is no cost to attend the classes. Class times are Thursdays from 6:00 - 9:00 PM. They will be held in the Fleming Field terminal building located at 1725 Henry Ave, South St. Paul, MN 55075. Both students and current pilots are welcome to attend.

For more info, please contact Mike Schoen, cell (952)913-1517 or mwschoen5@gmail.com

Fly-Ins

Benson's 6MN9 Sky Fly Pancake Breakfast

Feb. 8

9 a.m.- noon

Benson's White Bear Lake EAA 745

Weather permitting Sky fly in/Drive in Pancake Breakfast.

Contact: David Roster

Build Updates

Glestar



Wings in the folded position. Currently working on three doors and their latch systems. Soon, installing fuel lines from tank to engine.

Hatz - Classic Jan 5, 2025

Electrical power distribution

by Kevin Knutson

Okay, I unearthed my old copy of *The Aeroelectric Connection*, by Bob Nuckolls. I found it pretty hard to read cover-to-cover, but I can usually go find the information I'm looking for in there and usually learn something else along the way.

He's worked and studied this stuff for a lifetime and has developed some innovative ideas in this arena.

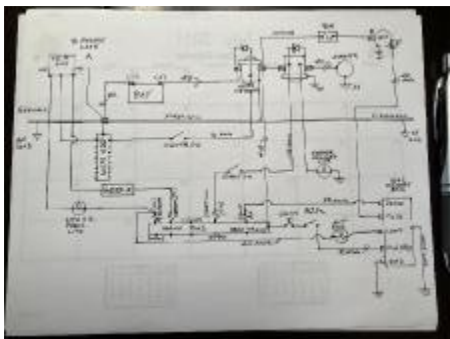
An example is his recommendation for the use of fuses for most circuit protection in small, GA Acft. They're substantially cheaper, lighter and take up less space than the conventional circuit breakers. Further, if one blows inflight, you probably should just land and sort it out instead of pushing/resetting a popped circuit breaker.

Going back to the initial sketch/plan should result in a reliable and simple design. Will need to redraw the diagram to include the DPDT switch diagrammed in the right picture below.

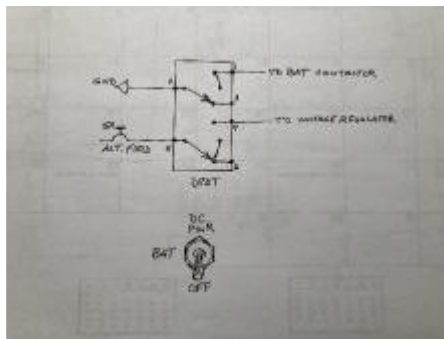
Bob Nuckolls explains this very problem/solution in his book. He has a table of different switches that can uniquely applied to most switching systems.

So, instead of two individual switches for the master and alternator field, they will be combined in a single double pole, double throw (DPDT) switch. Three positions, down will be "off", mid position "bat" and up "DC Pwr".

Later, I intend to install dual electronic ignition systems. These will require switching operations to shut down, test and operate these devices. This control can be accomplished with a DPDT switch for each ignition unit similar to this application.



Initial sketch



Master and alternator switch

For better pictures and more updates of Kevin's Hatz - <https://eaabuilderslog.org/?blproject&proj=7dAZ6sqil>




Mike York instructing Greg Cardinal in the finer points of fiberglass layup as they make an oil cooler duct for Greg's Mustang II.

EAA's Homebuilders Week – Online Event Starts January 27th

30 online sessions to expand your knowledge of building your own aircraft

For information - <https://www.eaa.org/eaaircraft-building/homebuilders-week>

 Homebuilders Week Schedule January 27 - 31, 2025					
To sign up: EAA.org/HomebuildersWeek					
Time CST	Monday 1/27/25	Tuesday 1/28/25	Wednesday 1/29/25	Thursday 1/30/25	Friday 1/31/25
11:30-12:45	Building an Aircraft: What You Need to Know - Charlie Becker	Wiring Basics - Dick Koehler	Flight Testing 101 - Paul Dye	EAA Advocacy Update: Top Homebuilding Issues and the Impact of MOSAIC - Sean Elliott, Rob Hackman, & Jack J. Pelton	Staying Alive: Analysis of Homebuilt Fatal Accidents - Dave Nelson
1:00-2:15	Sheet Metal Basics - Mike Dooley	TIG Welding - Charlie Becker & Shaun Walker	Composite Construction - Mark Forss	Amateur-Built Aircraft Certification Process - Joe Norris	Liability of Selling Your Homebuilt - Kathy Yodice
2:30-3:45	Fabric-Covering Basics - Nate Hammond	Getting Your Project Finished and Flying - Vic Syracuse	Buying a Used Homebuilt - Vic Syracuse	Sonex Highwing Update - Mark Schaible	Zenith Aircraft Kits & Plans - Sebastien Heintz & Roger Dubbert
4:00-5:15	The Need for Speed: Kitbuilt Options - Dave Forster	Hardware for Homebuilts - John Cox	Advanced Flight Systems - Rob Hickman	Garmin Experimental Avionics Solutions - Brad Brensing	Weight and Balance - Joe Norris
5:30-6:45	Panel Planning and Wiring - Marc Ausman	Dynon Avionics - Michael Schofield	Engine Selection Basics - Dick Koehler	Gas Welding - Budd Davisson	Working With Wood 101 - John Egan
7:00-8:15	Rotax 9 Series Installation & Operation - Phil Lockwood	Designing the Perfect Paint Scheme and Its Impact on Budget - Craig Barnett	Data-Driven Diagnosis of Engine Issues - Mike Busch	Van's RV Aircraft Kits - Greg Hughes	Common Builder & Maintenance Errors - Vic Syracuse

Sponsored by





Young Eagles Update

by Kris Olson, Ch. 25 YE Coordinator

We cancelled our December 14th Young Eagles rides due to forecast light snow, sleet and low clouds. Our next rides date is Saturday, January 18th at Airlake Airport in Lakeville. We have pilots signed up and some kids signed up. We welcome more pilots and ground crew to help at our events. Contact me in advance, if you are interested at ksimpson2@yahoo.com

Total kids flown in 2024 - 212



IMC Club Update

IMC Club meetings are the first Tuesday of each month via Zoom.
Our next meeting is scheduled for Feb 4th at 7:00pm CDT.
Contact Terry Carmine for more information at tlcarmine@gmail.com
All are welcome to attend.

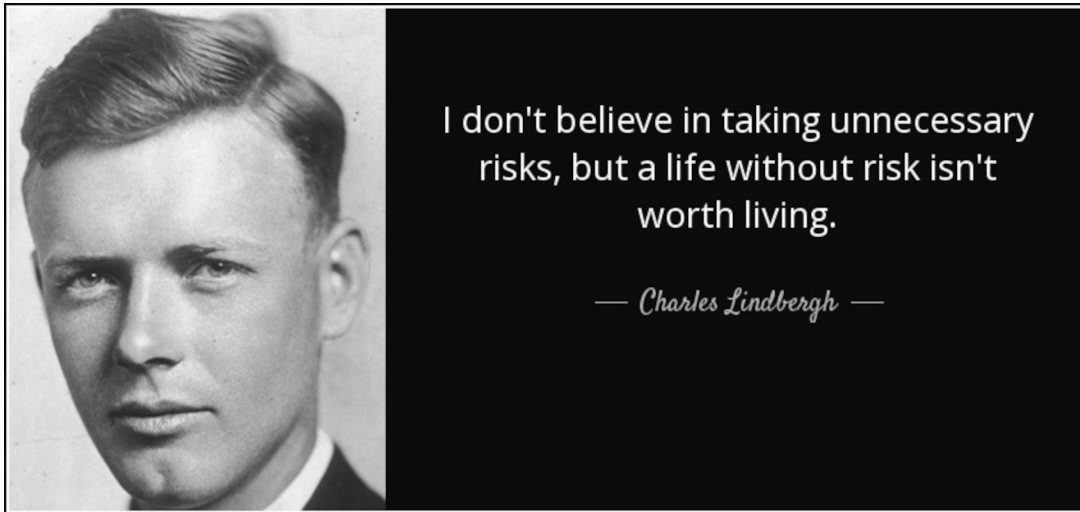


Trivia Challenge

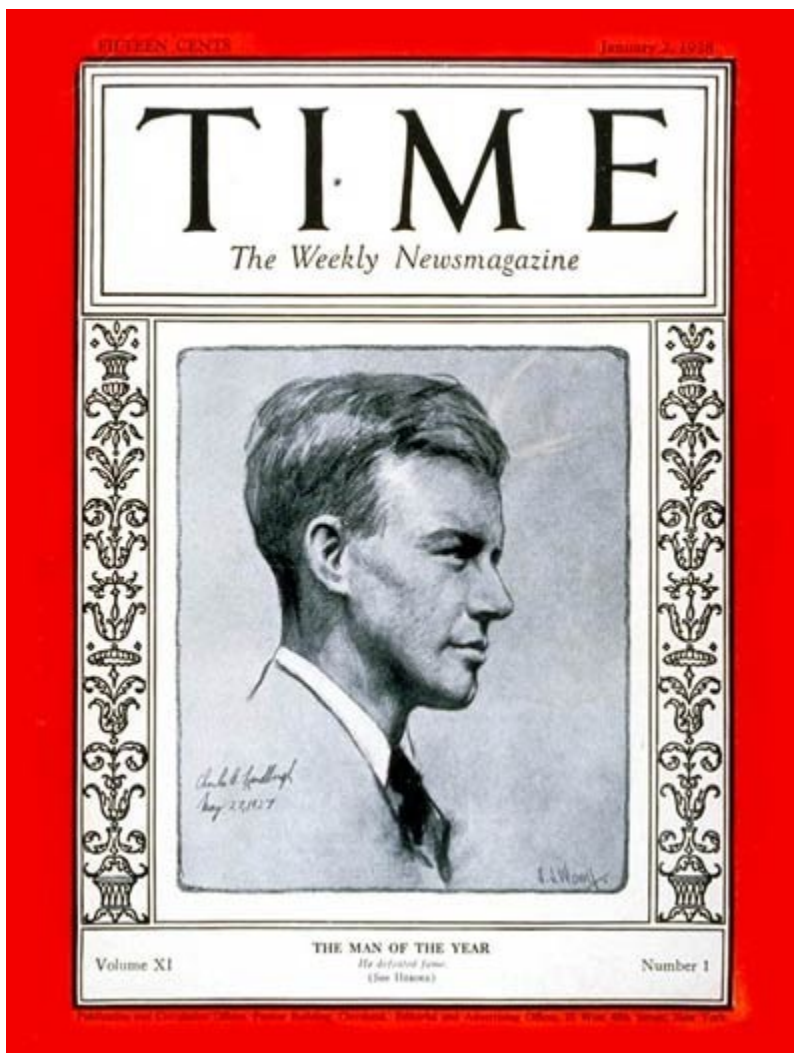
Who was Time Magazine's first Person of the Year ?

Answer next page -

This Month's Quote



Trivia Answer



First Man of the Year
Minnesota's own
Charles Lindbergh

The tradition of selecting a "Man of the Year" began privately in 1927, with *Time* editors contemplating the news makers of the year after a series of "slow news days" leading up to New Year's Day. The idea originally focused on a Man of the Week before it was decided to use Lindbergh to represent the predominant story of 1927, with the magazine listing him as Man of the Year being published in early 1928.

- from Wikipedia

Need parts from Aircraft Spruce?

Chapter 25 member Mark Elliot often (monthly, sometimes even weekly) orders from Aircraft Spruce. If you'd like to save the shipping costs (works well with small orders), and pay NO SALES TAX consider this strategy:

- 1) Find the Aircraft Spruce part number(s), and the amount of that item, you want.
- 2) Email your 'order' to Mark, and he will combine it with his next Aircraft Spruce order.
- 3) Wait for Mark to contact you, letting you know your material has arrived, and
- 4) Meet up with him to get your goods.

DreamLandAviation@gmail.com Phone 651-398-8637

For Sale :

RV-9A kit

Bruce Anthony - banthon90@gmail.com 612-270-0638

I have a RV-9A kit for sale in Rosemount, MN. Tail is mostly done and wing panels are mostly drilled and deburred. Willing to let go at a good price. Anyone interested please call me.

Bellanca 14-13-3

Ron Oehler - roehler533@gmail.com 952 250 8069

Ron has the following for sale:

- 1) 1947 Bellanca 14-13-3 project for sale.
- 2) Hangar 24B for sale after Bellanca is sold.
Hangar is in Delta row at Airlake, next to Terry Carmine's hangar.

Needed: ELT

Anyone have an old EBC 102A ELT? John VanEndenberg is looking for one. Send him a note at: 0601054@gmail.com

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Contact any of these folks if you have questions or suggestions on what we might do differently to improve our Chapter 25.

Name	Position
John Schmidt	President
Greg Cardinal	VP
Mark Elliot	Secretary
Kim Johnson	Treasurer
Rich Hedeon	Ass't Treasurer
Mike York	Membership Coordinator
Pat Halligan	Board Member
Jim Fischer	Board Member
Bruce Anthony	Board Member
Terry Carmine	Board Member
Kris Olson	Board Member
Mamie Singleton	Board Member
Mike York	Board Member
Kris Olson	Young Eagles Coordinator
Terry Carmine	IMC Coordinator
Bill Norton	On Final Newsletter Editor
Bryan Francis	Webmaster
Gary Stinar	Food Coordinator
Pat Halligan	Banquet Coordinator
(available)	Social Media Guru
Greg Cardinal	Tool Crib Manager
Thaddeus (Tad) Tessier	Technical Advisor
(available)	Flight Advisor

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Submissions for publication, questions or comments on articles, etc. are encouraged and should be addressed to: Bill Norton

e-mail: **loribill123@gmail.com** Submission deadline: 1st Wednesday of the month.

New or renewal Chapter membership (\$25/year) should be addressed to:

Mike C. York, 15860 Jocko Ct., Shakopee, MN 55379-7512. Membership forms will soon be available at our new website <https://chapters.eaa.org/ea25> Permission for other EAA Chapters to use the non-copyrighted portions of this publication is hereby granted provided the source is acknowledged. Any copyrighted material that appears in this newsletter is with the permission of the acknowledged copyright holder. Any further copying must obtain the permission of the original copyright holder.

On Final

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